University of Colorado at Boulder

1989 Graduate Student Symposium

Department of Molecular, Cellular, and Developmental Biology

Porter Biosciences Building
Campus Box 347
Boulder, Colorado 80309-0347
(303) 492-7743

Pathogen Strategies: Evasion and Suppression of the Immune System

Phillipa Marrack
National Jewish Center for Immunology and Respiratory Medicine
The Body's Defense: An Overview of the Immune Response

Immune Suppression

Keynote Address: **Anthony S. Fauci**
National Institutes of Health
Immunopathogenic Mechanisms of Human Immunodeficiency Virus

Joseph Sodroski
Harvard Medical School
Mechanisms of T-cell Killing by Human Immunodeficiency Virus

Erik L. Hewlett
University of Virginia School of Medicine
Adenylate Cyclase Toxin of *Bordetella pertussis*: Altering the Immune Response

Barry Bloom
Albert Einstein College of Medicine
The Specific Unresponsiveness of the Immune System to Leprosy: Evidence for T-cell Suppressors

Keith Joiner
National Institutes of Health
Mechanisms of Complement Evasion by Leishmania and South American Trypanosomes

Source: https://www.industrydocuments.ucsf.edu/docs/zspv0000

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Antigenic Variation

Lex Van der Ploeg
Columbia University
Duplicative Transposition of VSG Genes of African Trypanosomes

George A.M. Cross
The Rockefeller University
The Glycosyl-Phosphatidylinositol Membrane Anchor of the Trypanosome VSG Glycoprotein: Its Structure, Synthesis, and Possible Role in Antigen Switching

Thomas F. Meyer
Max Planck Institute
Variation of a *Neisseria gonorrhoeae* Surface Antigen by Translational Control of Gene Expression

Hank Seifert
Northwestern University
Variation of Gonococcal Pilin Protein by Transformation with Foreign DNA

Russell Howard
DNAX Research Institute
Induced Antigenic Variation and Sequestration of Parasitized Blood Cells in Malaria Infection

Intracellular Pathogens

Marcus A. Horwitz
UCLA School of Medicine
Legionnaires' Disease: Parasitism of Human Monocytes by *Legionella pneumophila*

Fred Heffron
Scripps Clinic and Research Foundation
Genes Essential for the Survival of Salmonella Inside Macrophages

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